

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Top and smooth mirror-like bottom surfaces of EGaIn layer on glass after evaporation-induced sintering.

File Name: Supplementary Movie 2

Description: Voltage-driven actuating behaviors of Janus film at different voltages (RH ~70%).

File Name: Supplementary Movie 3

Description: Voltage-driven actuating of Janus film simulating predatory motion of cabbages (RH ~70%).

File Name: Supplementary Movie 4

Description: Self-twisting of Janus film driven by NIR radiation (808 nm, 0.8 W cm^{-2} and RH ~70%).

File Name: Supplementary Movie 5

Description: Self-folding of origami driven by NIR radiation (808 nm, 0.8 W cm^{-2} and RH ~70%).

File Name: Supplementary Movie 6

Description: Floating motion of Janus film driven by NIR radiation (808 nm, 0.8 W cm^{-2}) on water surface.